05JS1–01

DATA LIST/ACTIVE TEST

1. DATA LIST

HINT:

Using the DATA LIST displayed on the intelligent tester II, you can read the value of the switch, sensor, actuator, etc. without removing any parts. Reading the DATA LIST as the first step in troubleshooting is one of the methods to shorten labor time.

(a) Connect the intelligent tester II to the DLC3.
(b) Turn the ignition switch to the ON position.
(c) According to the display on the tester, read the ”DATA LIST”.

BODY NO.1 (MULTIPLEX NETWORK BODY ECU):

Item	Measurement Item/ Display (Range)	Normal Condition	Diagnostic Note
I/L ON W/ Door Key Unlock	Interior light ON w/ unlock/ON or OFF	Customized value will be displayed	–
Lighting Time	Lighting time/ 7.5s or 15s or 30s	Customized value will be displayed	–
Response Time	Response time/ 0.1s or 1.0s	Customized value will be displayed	–
Turn ON Lumi Intens	Turn on luminous intensity/DARK2 or DARK1 or NO	Customized value will be displayed	–
Luggage Courtesy SW	Luggage door courtesy switch/ON or OFF	ON: Luggage door is opened OFF: Luggage door is closed	–
Front Fog Light SW	Front fog light SW signal/ON or OFF	ON: Front fog light switch is in ON position OFF: Front fog light switch is in OFF position	–
Auto Light SW	Auto light SW signal/ ON or OFF	ON: Light control switch is in AUTO position OFF: Light control switch is in any position except AUTO	–
Head Light SW (Head)	Headlight control SW signal/ON or OFF	ON: Light control switch is in HEAD position OFF: Light control switch is in any position except HEAD	–
Head Light SW (Tail)	Tail light SW signal/ ON or OFF	ON: Light control switch is in TAIL or HEAD position OFF: Light control switch is in OFF position	–
Illumination Rate Info	Illumination rate information	Condition value will be displayed	–

2. ACTIVE TEST

HINT:

Performing the ACTIVE TEST using the intelligent tester II allows the relay, VSV, actuator, etc. to operate without removing any part. Performing the ACTIVE TEST as the first step of troubleshooting is one of the methods to shorten labor time. The DATA LIST can be displayed during the ACTIVE TEST.

(a) Connect the intelligent tester II to the DLC3.
(b) Turn the ignition switch to the ON position.
(c) According to the display on the tester, perform the ”ACTIVE TEST”.

BODY NO.1 (MULTIPLEX NETWORK BODY ECU):

Item	Test Details	Diagnostic Note
Head Light (Hi)	Turn Headlight relay ON/OFF	–
Headlight Relay	Headlight relay ON/OFF	–
Taillight Relay	Turn Taillight relay ON/OFF	–
Dimmer Signal	Turn Dimmer relay ON/OFF	–
Illuminated Entry System	(Test Details) Turn Interior light and Key illumination ON/OFF (Vehicle Condition) Interior light SW is in Door position and all doors are closed	–